74151

NOTE

Soundings on this chart are corrected for sound velocity

SOUNDINGS IN METERS

AUSTRALIA — EAST COAST

PORT STEPHENS TO PORT JACKSON

From Australian charts and surveys to 1988

SOUNDINGS IN METERS
(Under 31 in meters and decimeters)
reduced to the approximate level of Indian Springs Low Water

HEIGHTS IN METERS ABOVE MEAN SEA LEVEL
Contour interval 100 meters

For Symbols and Abbreviations, see Chart No. 1

MERCATOR PROJECTION
WORLD GEODETIC SYSTEM (WGS)
SCALE 1:141,770 AT LAT. 33°20'

COMPILATION DIAGRAM

A—Australian Chart 207 . . . . . 1:25,000, Ed. 1988
B—Australian Survey Doc. No. 20077, Sheet 5056, Part 2 and 3 . . . . . 1:250,000, 1976
C—Australian Survey Doc. No. 20077, Sheet 5056, Part 5 and 6 . . . . . 1:250,000, 1976
*D—Australian Chart 209 . . . . . 1:25,000, Ed. 1977
E—Australian Chart 197 . . . . . 1:75,000, Ed. 1974
*F—Australian Chart 809 . . . . . 1:150,000, Ed. 1977
Miscellaneous data
*From surveys prior to 1930

This chart is based in whole or in part on information from other than official U.S. Government sources, as indicated above. Copyright restrictions of the country of origin continue to exist.

CAUTIONS

1. Ships are warned not to anchor in this area unless directed by the Harbor Master, Newcastle.
2. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features.
3. Submarines exercise frequently both surfaced and submerged in the areas indicated. Mariners should keep a good lookout for them when navigating in these waters.

NOTE

Limits of next larger scale chart(s) are shown in purple. Users should consult chart catalog which may contain later information.

NOTES

1. Inner pilot station for vessels up to 90,000 D.W.T. Outer pilot station for vessels over 90,000 D.W.T.
2. The site of an historic wreck is protected from unauthorized interference.

BUOYAGE

IALA Buoyage System, Region A, is in effect in the area covered by this chart. See Chart No. 1.

UNIVERSAL TRANSVERSE MERCATOR (UTM) GRID

ZONE 56H. AUSTRALIAN GEODETIC 1966 DATUM. AUSTRALIAN NATIONAL SPHEROID.

FOR MILITARY GRID REFERENCE

100,000 METER SQUARES LJ, LH, MJ, MH

TO FORM 20,000 METER SQUARES, JOIN THE TICKS ON NEATLINES WITH STRAIGHT LINE SEGMENTS THROUGH THE INTERIOR TICKS

THE UTM GRID TICKS ARE BASED ON THE AUSTRALIAN GEODETIC 1966 DATUM, AUSTRALIAN NATIONAL SPHEROID, AND THE CHART IS ON THE WORLD GEODETIC SYSTEM DATUM (WGS). TO REPORT AUSTRALIAN GEODETIC 1966 DATUM GRID COORDINATES OF A POINT, GIVE THE LETTERS OF THE 100,000 METER SQUARE DESIGNATION FOLLOWED FIRST BY THE NUMBERS OF THE EAST READING AND THEN BY THE NORTH READING. e.g. NORAH HEAD LIGHT LJ 673163

CAUTION

Grid lines constructed by connecting border ticks are NOT true North and South. The resulting UTM Grid is NOT to be used for navigation. It is designed to facilitate the reporting of positions according to the Military Grid Reference System prescribed for this area.

REGION 7
CATALOG P2/07

CONTINUED ON 74151

74153

East Matland
Morpeth
Hunter River
Williams River
Raymond Terrace
Kinross
Carrarie Point
Mount Teen
Fame Point
Soldier Point
Mud Point
Nelsons Bay
Tilligerry Creek
Swamp
Hawks Nest
North Head
South Head
PORT STEPHENS
Point Stephens
Murray Point
Fullerton Cove
ASH ISLAND
NEWCASTLE BIGHT
Plattsburg
Great Sugarloaf
West Wallsend
Summit Point
Holmesville
Wallsend
Lambton
Mount Vincent
NEWCASTLE
Cardiff
New Lambton
Boolaroo
Toronto
Belmont
Red Head
RESTRICTED AREA CAUTION NO 1
Lake Macquarie
Swansea
Kahibah
Morisset
Bonnells Bay
Coloo Cliffs
Catherine Hill Bay
Hales Bluff
Pilot Island (5)
Wybung Head
Crangan Bay
Chain Valley Bay
Mannering Lake
Bird Island (43)
Norah Head
Wyong
Tuggerah Lake
Upright Point
Terrigal Harbor
Broken Head
Brisbane Water
Bulbararing Bay
First Point
Second Point
Third Point
Cape Three Points
Ettalong
Box Head
West Reef
East Reef
Brisbane Water
Brisbane Water
Brisk Bay
Lion Island (86)
BROKEN BAY
Middle Bank
Elmore Bluff
Challenger Head
Lambert Peninsula
Barrenjoey Head
Little Head
Tuggerah Reef
Breaks with SE swell
Breaks with heavy swell
Less Water Rep (1965)
Sand hills covered with scrub
Sand hills
Swamp
Airport
Quarry
Ruins
Tks
Chy
Spire
Ch
Mon
Fl
Obscd
Ldg Lts
Ldg Lts 291°30'
Ldg Lts 270°
Ldg Lts 316°
Ldg Lts 334°
Ldg Lts 324°
Ldg Lts 280

1. Ships are warned not to anchor in this area unless directed by the Harbor Master, Newcastle.
2. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearing, and distances from common features.
3. Submarines exercise frequently both surfaced and submerged in the areas indicated. Mariners should keep a good lookout for them when navigating in these waters.

NOTE

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NOTES

1. Inner pilot station for vessels up to 90,000 D.W.T. Outer pilot station for vessels over 90,000 D.W.T.
2. The site of an historic wreck is protected from unauthorized interference.

BUOYAGE

IALA Buoyage System, Region A, is in effect in the area covered by this chart. See Chart No. 1.

UNIVERSAL TRANSVERSE MERCATOR (UTM) GRID

ZONE 56H, AUSTRALIAN GEODETIC 1966 DATUM, AUSTRALIAN NATIONAL SPHEROID

FOR MILITARY GRID REFERENCE

100,000 METER SQUARES LJ, LH, MJ, MH

TO FORM 20,000 METER SQUARES, JOIN THE TICKS ON NEATLINES WITH STRAIGHT LINE SEGMENTS THROUGH THE INTERIOR TICKS.

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CAUTION

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Toronto
Belmont
Red Head
74153
Marquarie
Lake
Kahibah
Morisset
Coloo Cliffs
Catherine Hill Bay
Hales Bluff
Fitzroy Island (5)
Wybung Head
Munmorah Lake
Bird Island (43)
Norah Head
Wyong
Tuggerah Lake
Tuggerah Reef
Upright Point
Terrigal Harbor
Broken Head
Bulbararing Bay
Brisbane Water
Cape Three Points
First Point
Second Point
Third Point
Ettalong
BROKEN BAY
Box Head
Barranjoey Head
Little Head
Bangalley Head
Hole In The Wall
Bilgola Head
Bungan Head
Turimetta Head
Long Point
Dee why Head
Curl Curl Head
Cabbage Tree Bay
North Point
Outer North Head
South Head
Dunbar Head
The Sound
PORT JACKSON
SYDNEY
Ben Buckler
Spoil Area
SUBMARINE EXERCISE AREA
CAUTION NO 3
CONTINUED ON 75261
75264
MAGNETIC
VAR 12°32'E (1985)
NO ANNUAL CHANGE
DEPTH CONVERSION SCALE
74151
151°15'40"E
20'
25'
30'
35'
40'
45'
50'
55'
152°
05'
10'
152°15'
33°50'
15'
20'
25'
30'
35'
40'
45'
05'
10'

8th Ed., Aug. 25, 1990 (Correct through NM 34/90)

74151

DMA STOCK NO. 74AHA74151

SOUNDINGS IN METERS

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WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See paragraph No. 1 of Notice to Mariners No. 1 or Sailing Directions Planning Guides for information relative to DMAHTC Charts.

Port Stephens to Port Jackson

SOUNDINGS IN METERS — SCALE 1:147,770

Users should send corrections, additions and comments for improving this product to DIRECTOR, DEFENSE MAPPING AGENCY ATTN: PR, 8613 LEE HIGHWAY, FAIRFAX VA 22031-2137

D5 356:74AHA74151